

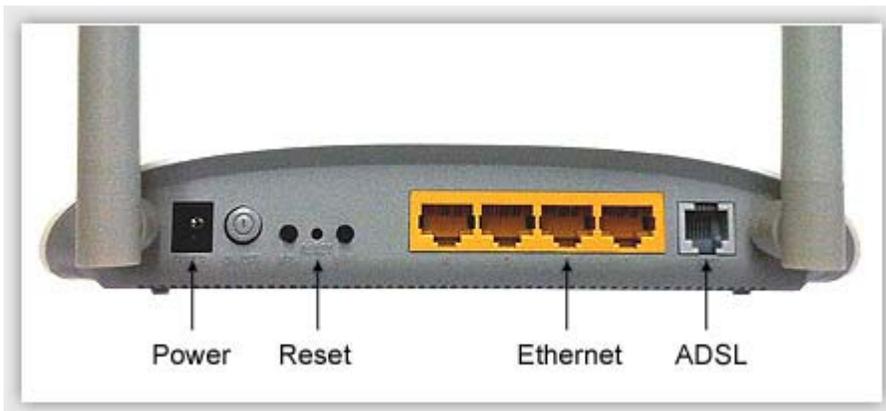
# Installation Guide - TP-LINK TD-W8961ND Wireless Modem Router

## Getting Your Internet Running

Check your modem package contents. It should contain the items shown here:

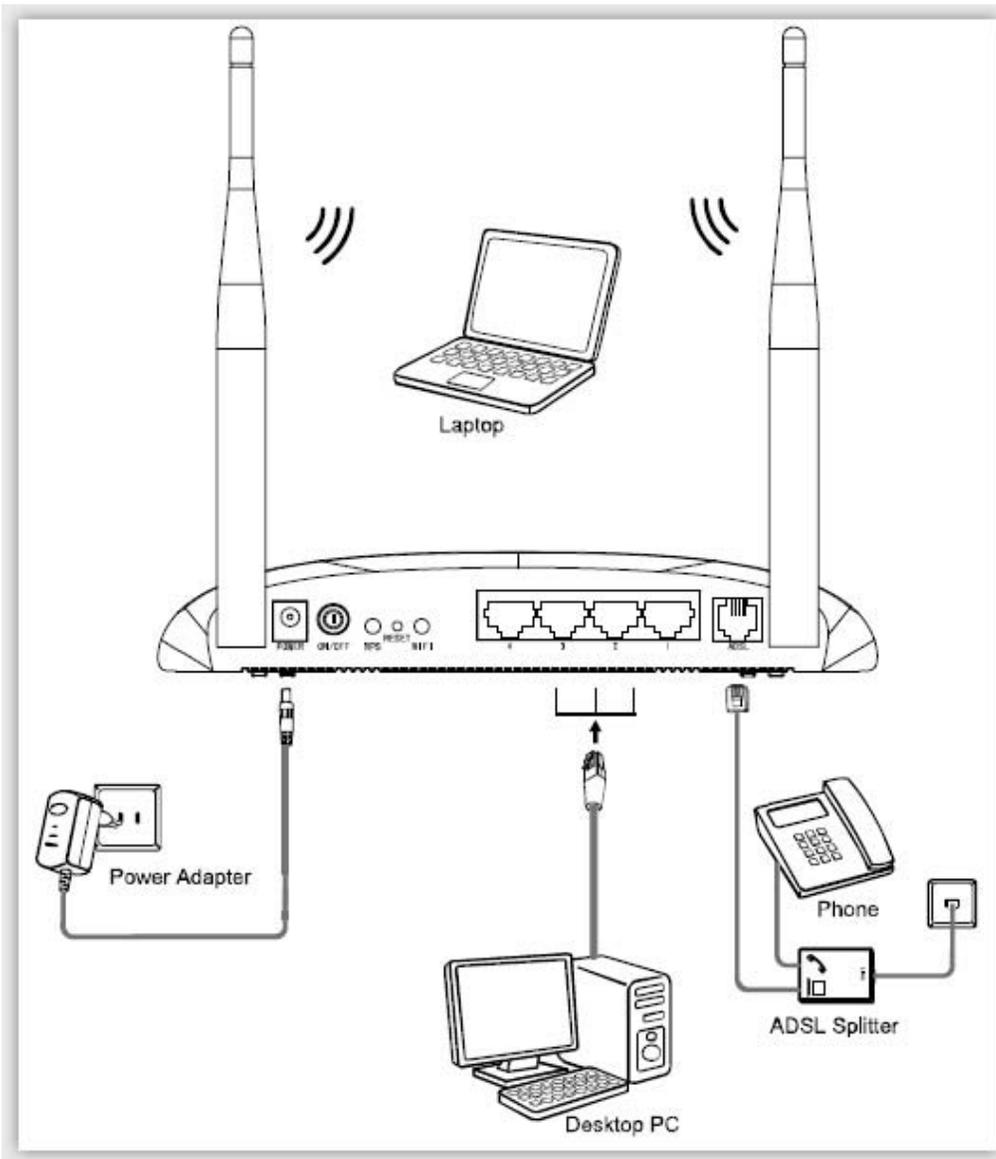


## Familiarize yourself with the back of your modem



- **Power** - The Power plug is where you will connect the power adapter.
  - **ADSL** - Connect the modem to your phone line with a telephone cable (RJ11 cable).
  - **Ethernet** - These ports are used for wired Ethernet connections.
  - **Reset** - Reset modem to factory default.
- DO NOT Reset** Your modem has been pre-programmed. [Contact us](#) if you have any question.

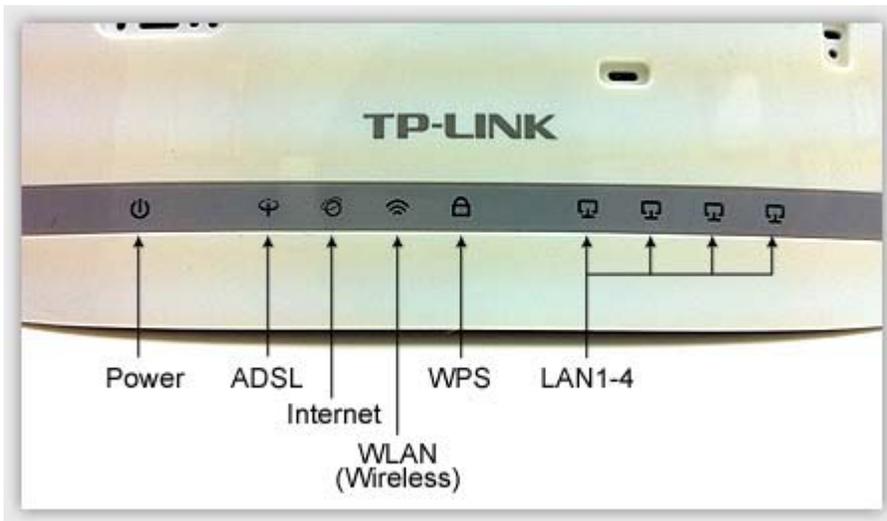
## Connect Your Modem



Before cable connection, cut off the power supply and keep your hands dry. You can follow the steps below to install it.

1. Use ADSL Splitter, The splitter has three ports:
  - **LINE:** Connect to the wall jack
  - **PHONE:** Connect to the phone sets
  - **MODEM:** Connect to the ADSL port of your Modem
2. Plug one end of the telephone (RJ11) cable into your modem ADSL port and other end to the MODEM port of the ADSL splitter
3. Connect one end of a network (RJ45) cable to your computer's Ethernet port and the other end to the Ethernet port on the modem.
4. Power on the computers and modem
5. Wait for 60 seconds until modem initialized
6. Open Web browser and enjoy internet surfing
7. To use wireless connection, from your wireless device, select the Network Name and enter the Wireless Key (both are labelled at the bottom of you modem).

## Front Panel LED Explanation:



- **Power** - The modem router is powered on.
- **ADSL** - ADSL line is synchronized and ready to use.  
If this light is off, refer to sect. **Connect Your Modem** and check the ADSL port connection.
- **Internet** - Internet success connected.  
If this light is off, follow the next section **Set up Your Internet Connection**.
- **LAN 1-4** - There is a device connected to the Ethernet port.
- **WLAN** - Wireless is enabled

## Setup Internet Connection

**Your Modem has been pre-programmed. Normally you may skip the sections below. Followings are for your reference.**

1. Start your web browser (eg. IE, Firefox), type the IP address in the URL field: **192.168.1.1**



2. In the login window, enter the default User Name **admin** and the default Password **admin** (in lower case), and then click **OK**



3. Click **Interface Setup** -> **Internet** from menu, configure the parameters as below, and then click **Save**

**TP-LINK®** 300Mbps Wireless N ADSL2+ Modem Router

Click ↓

Interface Setup

Internet LAN Wireless

ATM VC

Virtual Circuit: **PVC2** PVCs Summary ⇐ **Select PVC2**

Status:  Activated  Deactivated

VPI: 0 (range: 0-255)

VCI: **35** (range: 1-65535) ⇐ **Enter 35**

QoS

ATM QoS: UBR

PCR: 0 cells/second

SCR: 0 cells/second

MBS: 0 cells

Encapsulation

ISP:  Dynamic IP Address  
 Static IP Address  
 **PPPoA/PPPoE** ⇐ **Pick PPPoA/PPPoE**  
 Bridge Mode

PPPoE/PPPoA

Servicename: World-Link DSL

Username: \_\_\_\_\_ ⇐ **Enter User ID from World-Link**

Password: \_\_\_\_\_ ⇐ **Enter Password from World-Link**

Encapsulation: PPPoE LLC

Bridge Interface:  Activated  Deactivated

Connection Setting

Connection:  Always On (Recommended)  
 Connect On-Demand (Close if idle for \_\_\_\_\_ minutes)  
 Connect Manually

TCP MSS Option: TCP MSS(default:1400) 1400 bytes

IP Address

Get IP Address:  Static  Dynamic

Static IP Address: 0.0.0.0

IP Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

NAT: Enable

Default Route:  Yes  No

TCP MTU Option: TCP MTU(default:1480) 1442 bytes ⇐ **Enter 1442**

Dynamic Route: RIP2-B Direction: Both

Multicast: Disabled

Click ↓

**SAVE**

This is the User ID & Password World-Link have sent to you.

## Setup Wireless Network

**Your Modem has been pre-programmed. Normally you may skip the sections below. Followings are for your reference.**

1. Follow the section [Setup Internet Connection](#) step 1 & 2 to login your modem.
2. Click **Interface Setup** -> **Wireless** from menu, configure the parameters as below, and then click **Save**

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Click ↓

Interface: Quick Start, **Interface Setup**, Advanced Setup, Access Management, Maintenance, Status, Help

Internet, LAN, **Wireless**

Click ↑

**Access Point Settings**

Access Point:  Activated  Deactivated  
Channel: UNITED STATES | Auto | Current Channel: |  
Transmit Power: High  
Beacon Interval(ms): 100 (range: 20-1000)  
RTS/CTS Threshold: 2347 (range: 1500-2347)  
Fragmentation Threshold(bytes): 2346 (range: 256-2346, even numbers only)  
DTIM(ms): 1 (range: 1-255)  
Wireless Mode: 802.11b+g+n

**11n Settings**

Channel Bandwidth: 20/40 MHz  
Extension Channel: above the control channel  
Guard Interval: AUTO  
MCS: AUTO

**Multiple SSIDs Settings**

SSID Index: 1  
Broadcast SSID:  Yes  No **Pick No**  
Use WPS:  Yes  No **for Use WPS**  
SSID:  **Enter Network Name printed on the label at the bottom of your modem**  
Authentication Type: WEP-128Bits **Select WEP-128 Bits**

**WEP**

WEP 64-bits: For each key, please enter either (1) 5 characters excluding symbols, or (2) 10 characters ranging from 0-9, a, b, c, d, e, f.  
WEP 128-bits: For each key, please enter either (1) 13 characters excluding symbols, or (2) 26 characters ranging from 0-9, a, b, c, d, e, f.  
 Key#1:  **Enter Wireless Key printed on the label at the bottom of your modem**  
 Key#2: 0x00000000000000000000000000000000  
 Key#3: 0x00000000000000000000000000000000  
 Key#4: 0x00000000000000000000000000000000

**WDS Settings**

WDS Mode:  On  Off  
Mac Address #1: 00:00:00:00:00:00  
Mac Address #2: 00:00:00:00:00:00  
Mac Address #3: 00:00:00:00:00:00  
Mac Address #4: 00:00:00:00:00:00

**Wireless MAC Address Filter**

Active:  Activated  Deactivated  
Action: Allow Association | the follow Wireless LAN station(s) association.  
Mac Address #1: 00:00:00:00:00:00  
Mac Address #2: 00:00:00:00:00:00  
Mac Address #3: 00:00:00:00:00:00  
Mac Address #4: 00:00:00:00:00:00  
Mac Address #5: 00:00:00:00:00:00  
Mac Address #6: 00:00:00:00:00:00  
Mac Address #7: 00:00:00:00:00:00  
Mac Address #8: 00:00:00:00:00:00

Click ↓

**SAVE** **CANCEL**

## Reset your modem

**Your Modem has been pre-programmed.  
Normally you DO NOT need to reset your modem.  
Do this unless you have well known the above sections.**

[Contact us](#) if you have any question.

To reset your modem to the factory default state by pressing and hold **Reset** for 5 seconds.

